

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ZHANG, et al.  
SERIAL NO.: 09/204,639  
FILING DATE: December 2, 1998  
TITLE: PER USER AND NETWORK ROUTING TABLES  
EXAMINER: Tran, P.  
ART UNIT: 2664

#2/4  
7.8.02

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date printed below:

Date:

2/28/02

Name:

Lola Salazar

Lola Salazar

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

# I

This statement is filed pursuant to:

( X ) 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

( ) 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) (\$180); or a certification according to 37 C.F.R. § 1.97 (e).

( ) 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180), and a certification according to 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

## II

- (X ) No fee is due.
- ( ) The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).


Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698. An additional copy of this page is enclosed.

## III

Pursuant to 37 C.F.R. § 1.97(e) , I certify:

- ( X ) No certification is necessary.
- ( ) (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- ( ) (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

Respectfully submitted,  
THELEN REID & PRIEST LLP

  
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David B. Ritchie  
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Dated: February 28, 2002

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Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. CISCO-5810		Serial No. (to be assigned)	
<b>Information Disclosure Statement by Applicant</b>				Applicant: Zhang, et al.			
(Use several sheets if necessary)				Filed: Herewith		Group: (to be assigned)	
U.S. Patent Documents							
Init.		Document No.	Date	Name	Class	Subclass	Filing Date
	A	5,241,594	08/31/93	Kung	380	4	06/02/92
	B	5,253,251	10/12/93	Aramaki	370	60	01/08/92
	C	5,502,725	03/26/96	Pohjakallio	370	94.1	04/14/94
	D	5,555,244	09/10/96	Gupta, et al.	370	60.1	06/30/94
	E	5,570,361	10/29/96	Norizuki, et al.	370	60.1	07/06/94
	F	5,583,862	12/10/96	Gupta, et al.	370	60.1	06/30/94
	G	5,592,470	01/07/97	Rudrapatna, et al.	370	320	12/21/94
	H	5,617,417	04/01/97	Sathe, et al.	370	394	09/07/94
	I	5,655,077	08/05/97	Jones, et al.	395	187.01	12/13/94
	J	5,671,354	09/23/97	Ito, et al.	395	187.01	02/23/96
	K	5,673,265	09/30/97	Gupta, et al.	370	432	04/29/96
	L	5,684,950	11/04/97	Dare et al.	395	187.01	09/23/96
	M	5,699,521	12/16/97	Izuka, et al.	395	200.15	03/22/95
	N	5,740,171	04/14/98	Mazzola, et al.	370	392	03/28/96
	O	5,740,176	04/14/98	Gupta, et al.	370	440	04/29/96
	P	5,793,763	08/11/98	Mayes, et al.	370	389	11/03/95
	Q	5,799,017	08/25/98	Gupta, et al.	370	419	04/29/96
	R	5,802,047	09/01/98	Kinoshita	370	359	05/31/96
	S	5,802,316	09/01/98	Ito, et al.	395	200.79	01/26/96
	T	5,835,720	11/10/98	Nelson, et al.	395	200.54	05/17/96
	U	5,835,727	11/10/98	Wong, et al.	395	200.68	12/09/96
	V	5,845,070	12/01/98	Ikudome	395	187.01	12/18/96
	W	5,872,783	02/16/99	Chin	370	392	07/24/96
	X	5,918,016	06/29/99	Brewer, et al.	395	200.5	06/10/97
	Y	5,944,824	08/31/99	He	713	201	04/30/97
	Z	5,959,990	09/28/99	Frantz et al.	370	392	03/12/96
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	BB	5,991,828	11/23/99	Horie, et al.	710	8	10/07/97
	CC	6,009,103	12/28/99	Woundy	370	401	12/23/97
	DD	6,011,910	01/04/00	Chau, et al.	395	200.59	04/08/97
	EE	6,018,770	01/25/00	Little, et al.	70	223	10/13/97
	FF	6,021,496	02/01/00	Dutcher, et al.	713	202	07/07/97

U.S. PTO  
10/08/96  
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(Use several sheets if necessary)		Filed: Herewith	Group: (to be assigned)
<b>U.S. Patent Documents</b>			

	GG	6,055,236	04/25/00	Nessett, et al.	370	389	03/17/99
	HH	6,091,951	07/18/00	Sturniolo, et al.	455	432	09/03/97
	II	6,092,178	07/18/00	Jindal, et al.	712	27	09/03/98
	JJ	6,092,196	07/18/00	Reiche	713	200	11/25/97
	KK	6,119,160	09/12/00	Zhang et al.	709	224	10/13/98
	LL	6,141,687	10/31/00	Blair	709	225	05/08/98

#### Foreign Documents

							Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
	MM	99/53408	10/21/99	PCT	G06F 15	16	X	

#### Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

	NN	Active Software, Inc., "Active Software's Integration System", printed from <a href="http://www.activesw.com/products/products.html">http://www.activesw.com/products/products.html</a> , on July 24, 1998
	OO	Ascend Communications, Inc., "Access Control Product Information", 4 pages
	PP	Ascend Communications, Inc., "Remote Access Network Security", printed from <a href="http://www.ascend.com/1103.html">http://www.ascend.com/1103.html</a> , on July 24, 1998, pp. 1-8
	QQ	Carrel, D. et al., "The TACACS+ Protocol", Version 1.78, Cisco Systems, Inc., printed from <a href="ftp://ftp-eng.cisco.com/edweber/tac-rfc.1.78.txt">ftp://ftp-eng.cisco.com/edweber/tac-rfc.1.78.txt</a> on October 23, 2000
	RR	Cisco Systems, Inc., "Layer 2 Tunnel Protocol", Release 12.0(1)T and 11.3(5)AA, pp. 1-53
	SS	Droms, R., "Dynamic Host Configuration Protocol", Network Working Group, RFC 1531, October 1993
	TT	NAT and Networks, printed from <a href="http://www.csn.tu-chemnitz.de/~mha/linux-ip-nat/diplom/node4.html">http://www.csn.tu-chemnitz.de/~mha/linux-ip-nat/diplom/node4.html</a> , on September 19, 1998
	UU	NAT-PC Webopaedia Definition and Links", 1998, Mecklermedia Corporation, printed from <a href="http://webopedia.internet.com/TERM/N/NAT.html">http://webopedia.internet.com/TERM/N/NAT.html</a> , on September 19, 1998, 1 page
	VV	"Network Address Translation Information", printed from <a href="http://www.uq.edu.au/~gadmacka/content/natinformation.htm">http://www.uq.edu.au/~gadmacka/content/natinformation.htm</a> , on September 19, 1998
	WW	Perkins, D., "Requirements for an Internet Standard Point-to-Point Protocol", December 1993, Network Working Group, RFC 1547, pp. 1-19
	XX	Simpson, W., "The Point-to-Point Protocol (PPP)", December 1993, Network Working Group, RFC 1548, pp. 1-53

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.